

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A peptide fingerprint comprising peptide products resulting from the degradation of elastin by the enzyme ~~MMP12-matrix metalloproteinase 12 (MMP12)~~, wherein the peptide fingerprint comprises ~~one or more~~ at least twenty of the peptides identified in Table 2.
2. (Canceled)
3. (Original) A peptide fingerprint as claimed in claim 1 which comprises at least ninety of the peptides identified in Table 2.
4. (Original) A peptide fingerprint as claimed in claim 1 which comprises at least one hundred and fifty of the peptides identified in Table 2.
5. (Currently Amended) A peptide fingerprint comprising peptide products resulting from the degradation of elastin by the enzyme matrix metalloproteinase 12 (MMP12), ~~as claimed in claim 1 which~~ wherein the peptide fingerprint comprises all the peptides identified in Table 1.
6. (Original) A peptide fingerprint as claimed in claim 1 which comprises all the peptides identified in Table 2.

Applicant : Per Broberg et al.
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7 – 15. (Canceled)